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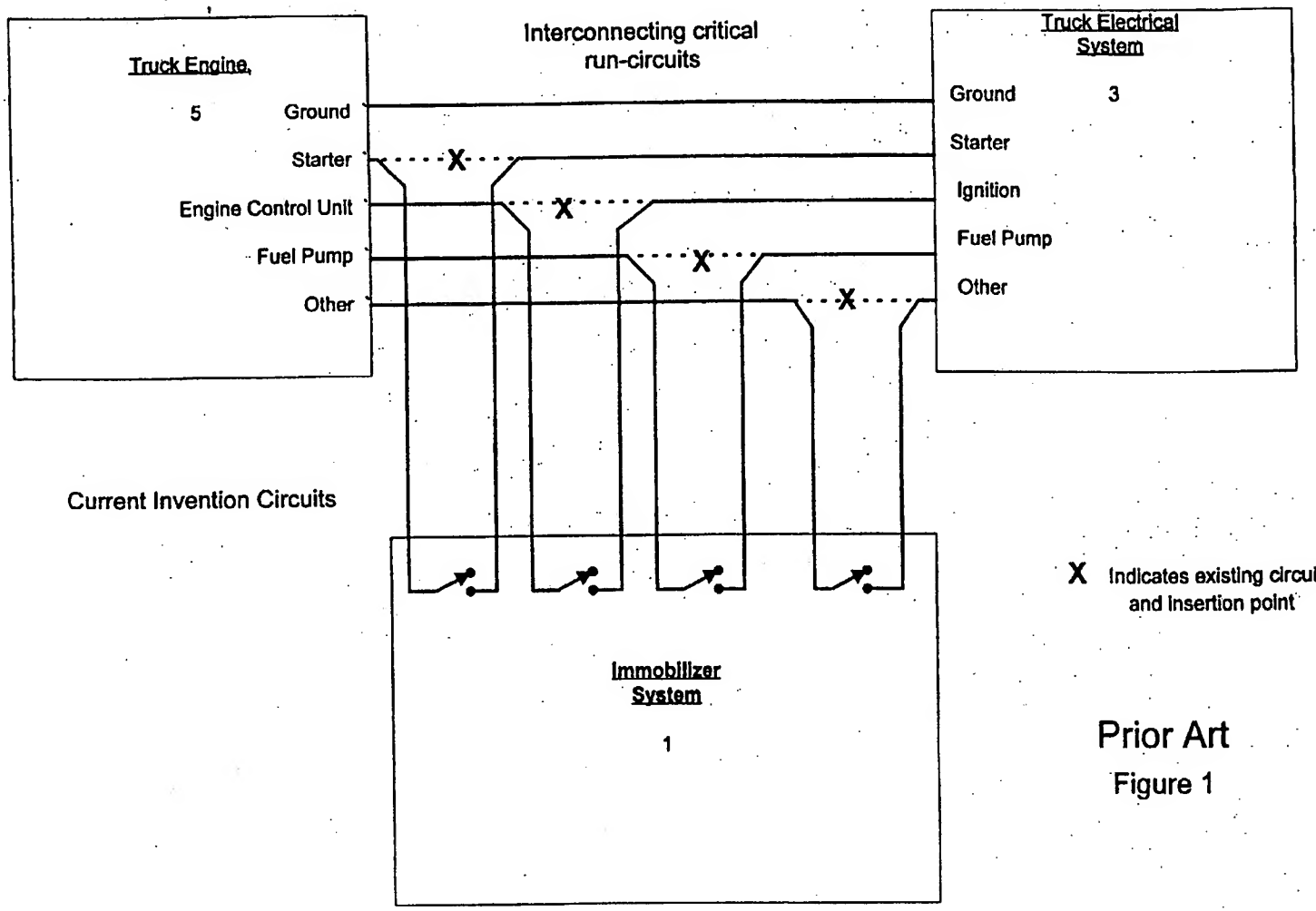


Prior Art

Figure 1

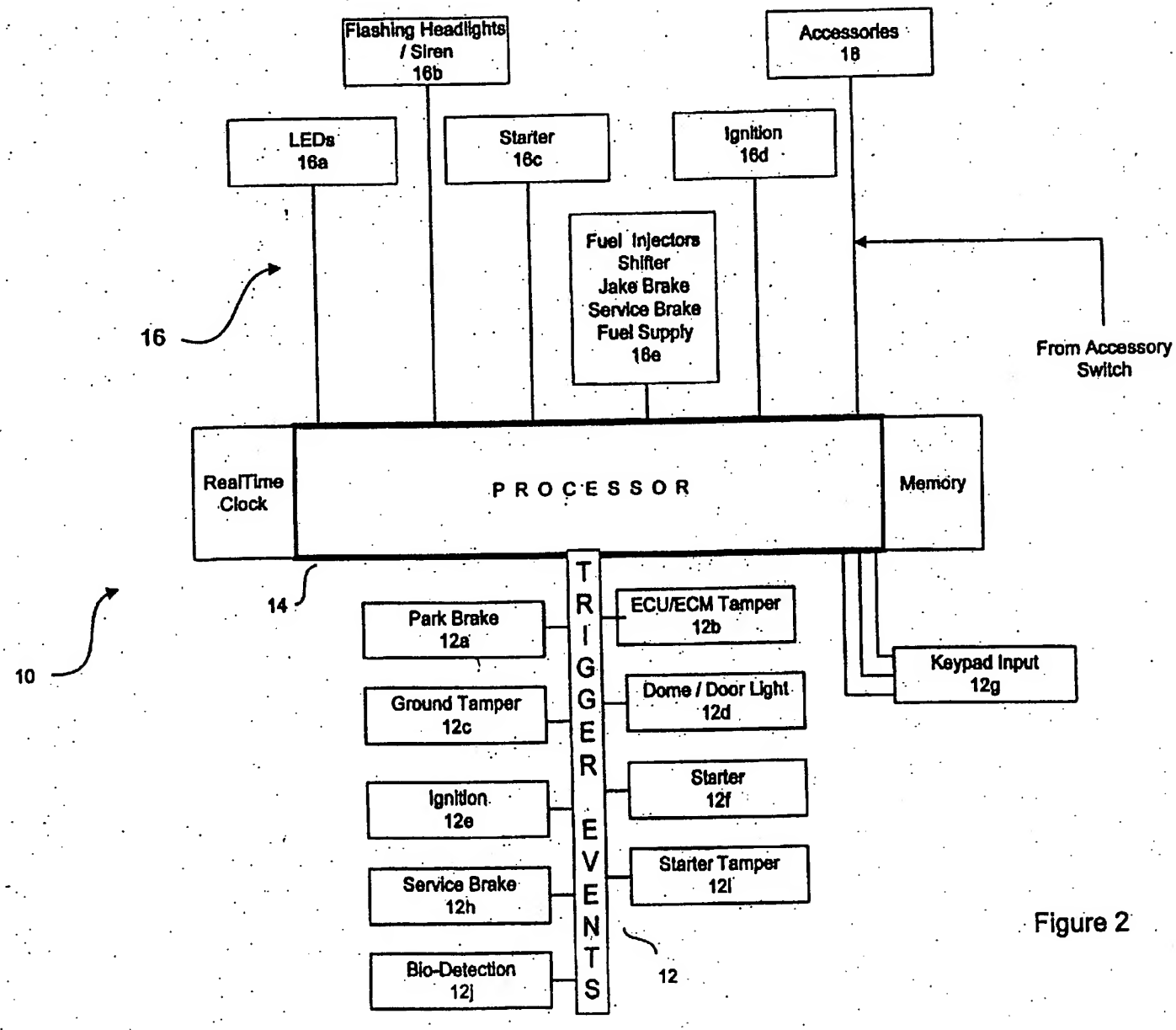
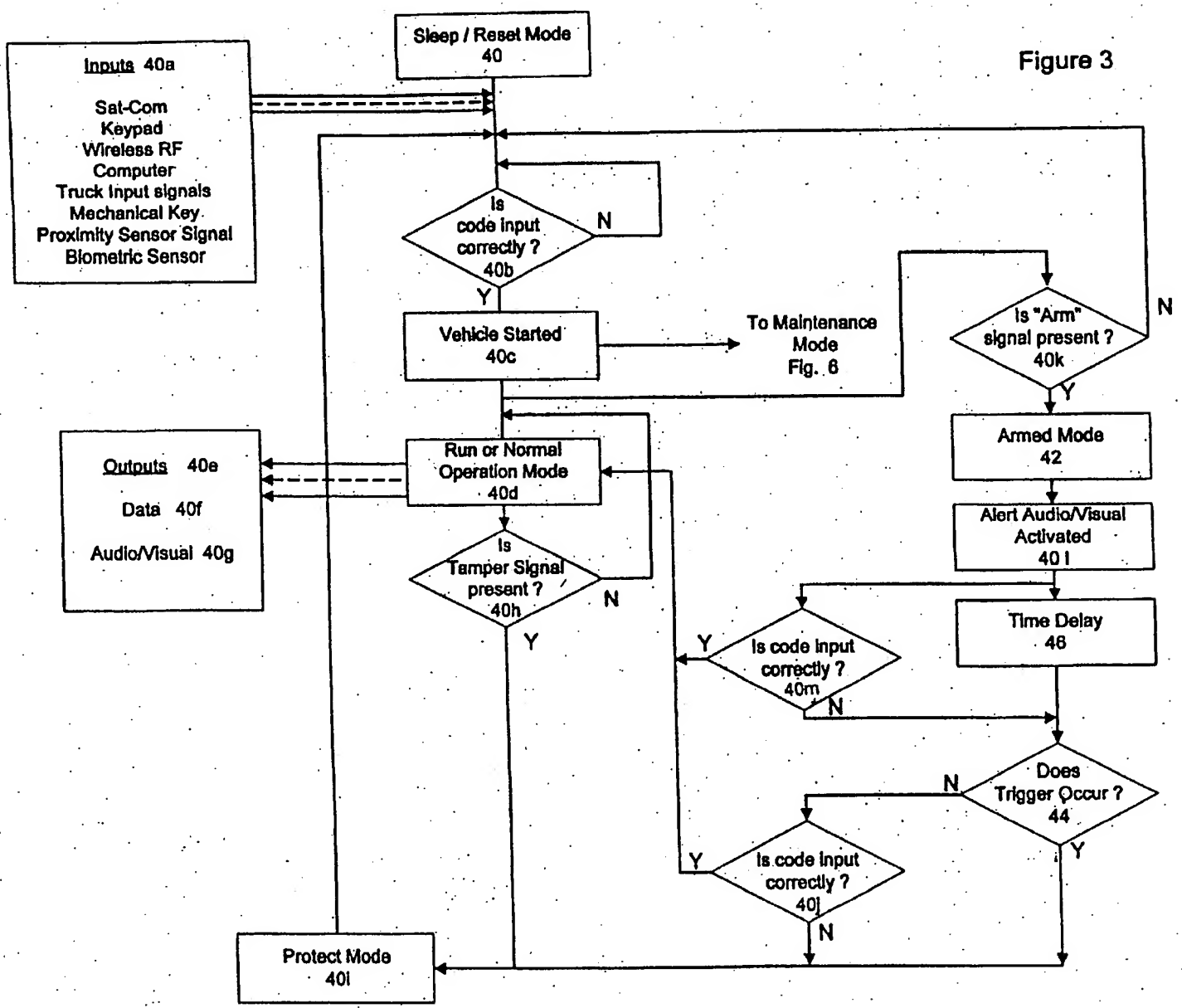

Flashing Headlights / Siren 16b
Accessories 18
LEDs 16a
Starter 16c
Ignition 16d
Fuel Injectors
Shifter
Jake Brake
Service Brake
Fuel Supply
16e
16
From Accessory Switch
RealTime Clock
PROCESSOR
Memory
14
10
TRIGGER EVENTS
Park Brake 12a
ECU/ECM Tamper 12b
Ground Tamper 12c
Dome / Door Light 12d
Keypad Input 12g
Ignition 12e
Starter 12f
Service Brake 12h
Starter Tamper 12i
Bio-Detection 12j
12

Figure 2

Figure 3


Inputs 40a
Sat-Com
Keypad
Wireless RF
Computer
Truck Input signals
Mechanical Key
Proximity Sensor Signal
Biometric Sensor
Sleep / Reset Mode
40
Is code input correctly ?
40b
N
Y
Vehicle Started
40c
To Maintenance Mode
Fig. 6
Is "Arm" signal present ?
40k
N
Y
Armed Mode
42
Alert Audio/Visual Activated
40 l
Time Delay
46
Outputs 40e
Data 40f
Audio/Visual 40g
Run or Normal Operation Mode
40d
Is Tamper Signal present ?
40h
N
Y
Y
Is code input correctly ?
40m
N
N
Does Trigger Occur ?
44
Y
Y
Is code input correctly ?
40j
N
Protect Mode
40l

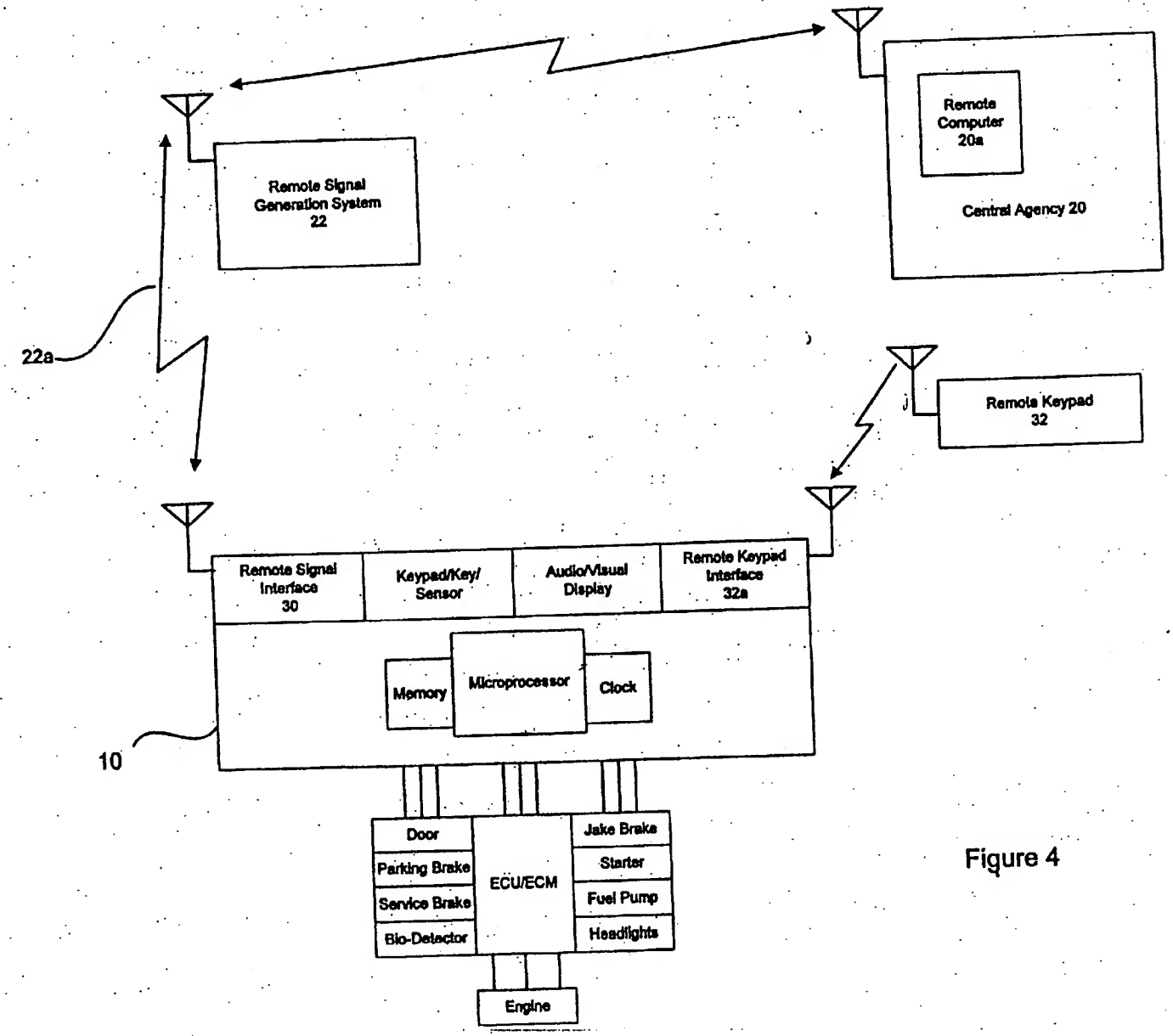
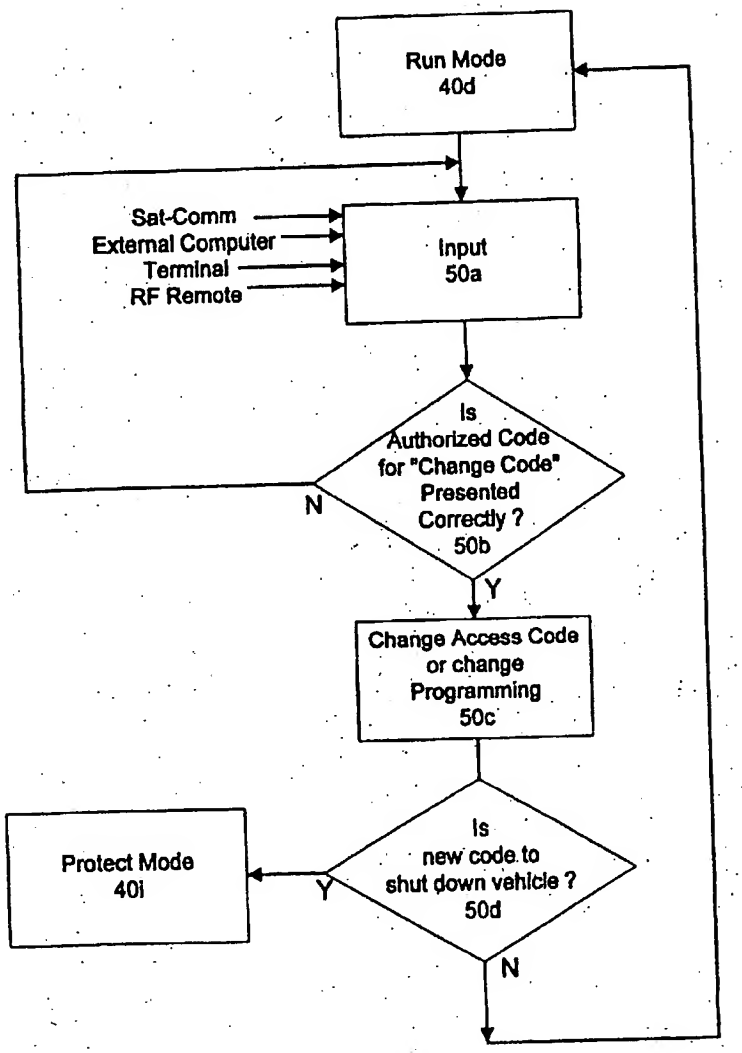
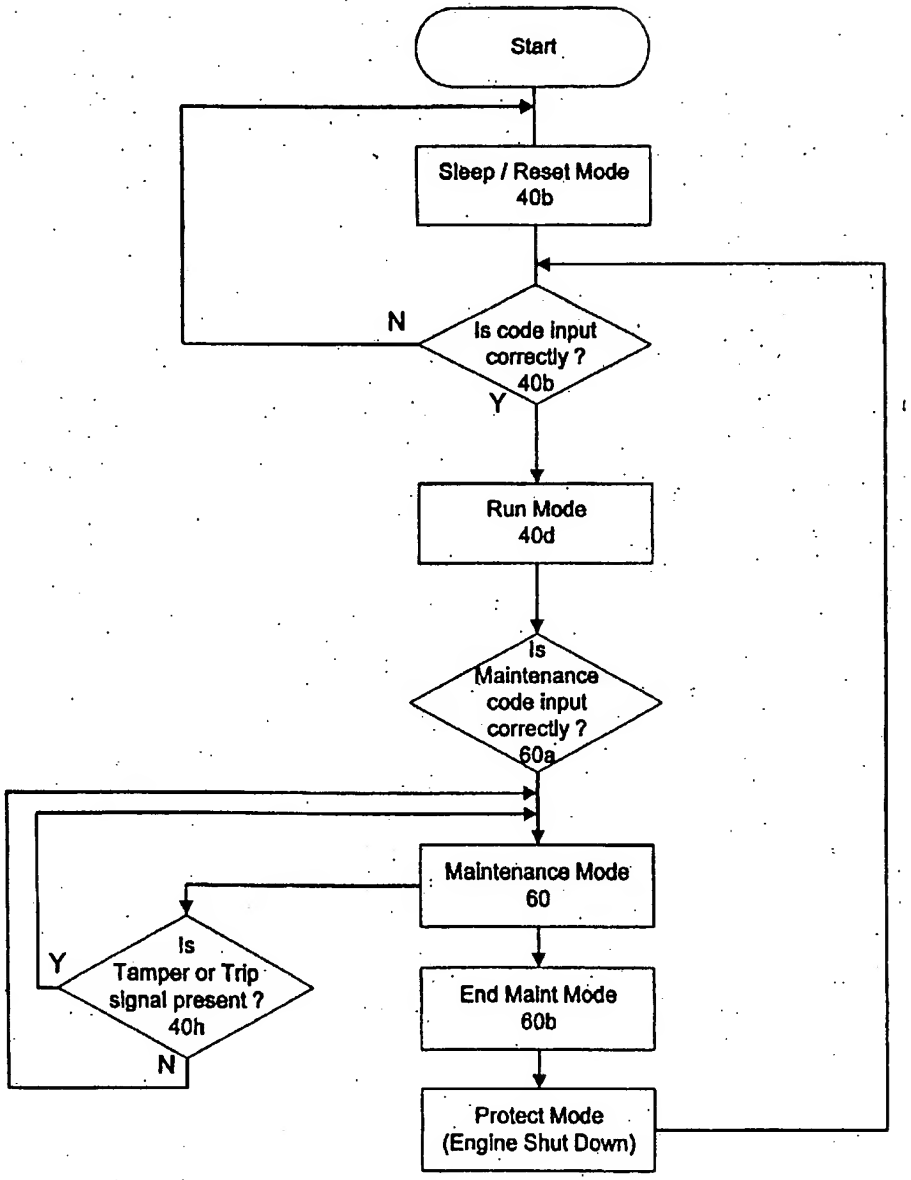

Remote Signal Generation System 22
Remote Computer 20a
Central Agency 20
22a
Remote Keypad 32
Remote Signal Interface 30
Keypad/Key/ Sensor
Audio/Visual Display
Remote Keypad Interface 32a
Memory
Microprocessor
Clock
10
Door
Parking Brake
Service Brake
Bio-Detector
ECU/ECM
Jake Brake
Starter
Fuel Pump
Headlights
Engine

Figure 4



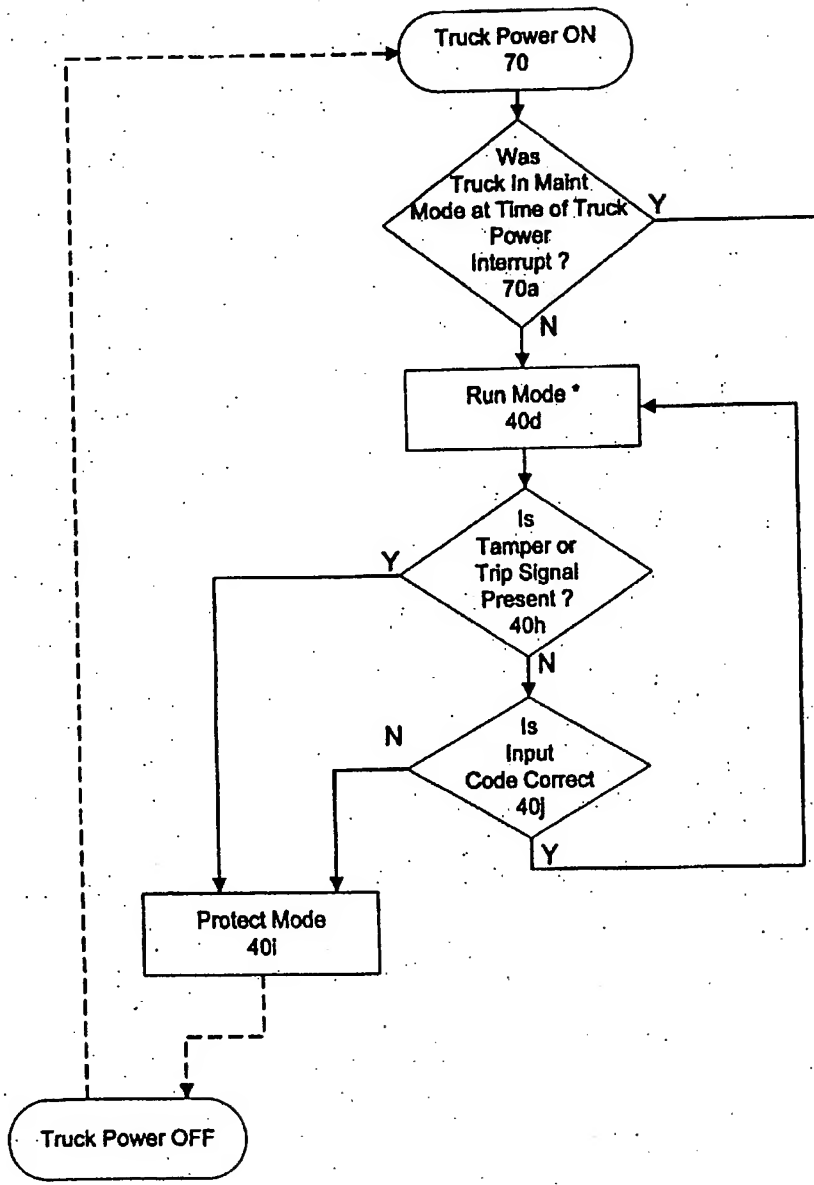
Access Code Changing Mode

Figure 5



Maintenance Mode

Figure 6



* allows engine to remain running in the event of a truck battery removal or power failure.

Figure 7